

February 2, 2012

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SUPERFUND DIVISION

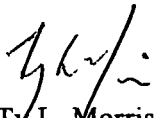
Mr. Jason Gunter
Remedial Project Manager
U.S. Environmental Protection Agency
Region 7 - Superfund Branch
901 North 5th Street
Kansas City, KS 66101

Re: The Doe Run Company – Big River Mine Tailings Site Quarterly Progress Report

Dear Mr. Gunter:

As required by Article XV, Section 55 of the Administrative Order on Consent (Docket No.VII-94-F-0015) for the referenced project and on behalf of The Doe Run Company, the progress report for the period October 1, 2011 through December 31, 2011 is enclosed. If you have any questions or comments, please call me at 573-638-5020 or Mark Nations at 573-518-0800.

Sincerely,



Ty L. Morris, P.E., R.G.
Vice President

TLM/jms
Enclosure

c: Mark Nations – TDRC
Matt Wohl – TDRC (electronic only)
Steve Batts – TDRC (electronic only)
Kathy Rangen – MDNR
Tim Skoglund – Barr Engineering

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Superfund

Big River Mine Tailings Site
Desloge, Missouri
Quarterly Progress Report
Period: October 1, 2011 – December 31, 2011

1. Actions Performed or Completed This Period:

- a. Representatives from Barr Engineering and Doe Run monitored the three well points and took water level readings from the two monitoring wells installed as part of the "Action Plan for Tailings Movement Observed on the Big River Site 6 Slope."
- b. Vegetation maintenance activities, including the use of biosolids, continued on portions of the site that were vegetated during the completion of removal action activities.

2. Data and Results Received This Period:

- a. No indication of water in the well points was identified during the checks of the well points. Rods in the well points have mold growing on them.
- b. Groundwater elevations in the two monitoring wells continue to fluctuate very little.
- c. During the month of October, approximately 1.37 inches of precipitation fell at the site over 6 different events. The largest rainfall event was 1.02 inches over a 24-hour period. No event was large enough to qualify as a rainfall frequency event.

During the month of November, approximately 4.65 inches of precipitation fell at the site over 14 different events. The largest rainfall event was 1.01 inches over a 24-hour period. No event was large enough to qualify as a rainfall frequency event.

During the month of December, approximately 4.57 inches of precipitation fell at the site over 11 different events. The largest rainfall event was 1.65 inches over a 24-hour period. No event was large enough to qualify as a rainfall frequency event.

3. Scheduled Activities not Completed This Period:

- a. None.

4. Planned Activities for Next Period:

- a. Barr and Doe Run staff will continue to check the well points for indications of a shallow water table and take water level readings from the monitoring wells.

5. Changes in Personnel:

- a. None.

6. Issues or Problems Arising This Period:

- a. None.

7. Resolution of Issues or Problems Arising This Period:

- a. None.

End of Quarterly Progress Report